

Please replace the paragraph at page 15 lines 31-36 with the following:

(2) A gene transfer method for pluripotent stem cells, characterized by efficiently transferring a gene into the pluripotent stem cells and ~~express~~ expressing it, using a liquid medium and a culturing vessel having immobilized or coated on a substrate solid phase surface a molecule which is adhesive to the pluripotent stem cells.

BSH 11/24/2010 Please replace the paragraph at page 22 line ³⁷~~36~~ to page 23 line 20 with the following:

Unless otherwise specified, gene engineering methods employed in molecular biology and recombinant DNA technology, as well as common cell biology protocols and conventional techniques, may be employed for carrying out the invention, with reference to standard literature in the field. These include, for example, Molecular Cloning: ~~A Laboratory Manual~~ A Laboratory Manual, 3rd Edition (Sambrook & Russell, Cold Spring Harbor Laboratory Press, 2001); Current Protocols in Molecular Biology (Ausubel et al. ed., John Wiley & Sons, 1987); Methods in Enzymology Series (Academic Press); PCR Protocols: Methods in Molecular Biology (Bartlett & ~~Stirling~~ Stirling, eds., Humana Press, 2003); Animal Cell Culture: A Practical Approach, 3rd Edition (Masters ed., Oxford University Press, 2000); and Antibodies: ~~A Laboratory Manual~~ A Laboratory Manual (Harlow et al. & Lane ed., Cold Spring Harbor Laboratory Press, 1987). The reagents and kits used for the cell culturing and cell biology experiments referred to throughout the present specification are available from commercial vendors such as Sigma, Aldrich, Invitrogen/GIBCO, Clontech and Stratagene.

Please replace the paragraph at page 26 line 37 to page 27 line 32 with the following:

The present invention relates to a method of culturing pluripotent stem cells including ES cells and is characterized by using molecules that adhere to pluripotent stem cells (hereinafter referred to as "pluripotent stem cell-adhering molecules"). The pluripotent stem cell-adhering molecules used for carrying out the invention are used for the culturing method of the invention by being immobilized or coated on the solid phase surface of a culturing vessel or culture substrate